

**CL W**

**HYDRO RESEARCH SERVICES**  
Water Management Division  
Clow Corporation

408 Auburn Avenue  
Portiac, MI 48058

313 334-1630  
313 334-4747

145838

**RECEIVED**

WASTE MANAGEMENT  
BRANCH

Chemical Recovery of Ohio  
36345 Van Born Road  
Romulus, MI 48174  
Attn: Mr. Pete Shagena

Samples received: 11/29/84

Client I.D.: Downstream, Sewer Outfall, Upstream

Hydro Numbers: 86115, 86116, 86117

Methodology: PCB's - EPA Method 608  
Volatile Organics - Gas  
Chromatography/Mass  
Spectroscopy-Method 624

Data Submitted: 1/11/85

*Suzanne Scott*  
Laboratory Supervisor

**RECEIVED**

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FEB 07 1985

WMD-RAIU  
EPA, REGION V



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1/11/85

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Hydro Numbers:	86115	86116	86117
Client I.D.	Down- stream	Sewer Outfall	Upstream

Analysis performed by gas chromatography.

PCBs, mg/l as

Aroclor 1242	<0.05	<0.05	<0.05
Aroclor 1254	--	--	--
Aroclor 1260	<0.05	<0.05	<0.05



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1/11/85

PRIORITY POLLUTANT ANALYSIS

Concentration, ug/l

Sample received: 11/29/84

Hydro Numbers:

86115

86116

86117

Client I.D.

Down-  
stream

Sewer  
Outfall

Upstream

Volatile Organic Compounds

Acrolein	<100	<100	<100
Acrylonitrile	<100	<100	<100
Benzene	<10	<10	<10
Bis(Chloromethyl)ether	<10	<10	<10
Bromoform	<10	<10	<10
Carbon Tetrachloride	<10	<10	<10
Chlorobenzene	<10	<10	<10
Chlorodibromomethane	<10	<10	<10
Chloroethane	<10	<10	<10
2-Chloroethylvinyl ether	<10	<10	<10
Chloroform	<10	<10	<10
Dichlorobromomethane	<10	<10	<10
Dichlorodifluoromethane	<10	40-50	<10
1,1-Dichloroethane	<10	<10	<10
1,2-Dichloroethane	<10	<10	<10
1,1-Dichloroethylene	<10	<10	<10
1,2-Dichloropropane	<10	<10	<10
1,3-Dichloropropene	<10	<10	<10



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Concentration, ug/l

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Hydro Numbers:	86115	86116	86117
Client I.D.	Down- stream	Sewer Outfall	Upstream

Volatile Organic Compounds

Ethylbenzene	<10	<10	<10
Methyl Bromide	<10	<10	<10
Methyl Chloride	<10	<10	<10
Methylene Chloride	<10	<10	<10
1,1,2,2-Tetrachloroethane	<10	<10	<10
Tetrachloroethylene	<10	30-40	<10
Toluene	<10	<10	<10
trans-1,2-dichloroethylene	<10	170-200	<10
1,1,1-Trichloroethane	<10	240-270	<10
1,1,2-Trichloroethane	<10	<10	<10
Trichloroethylene	<10	100-120	<10
Trichlorofluoromethane	<10	<10	<10
Vinyl Chloride	<10	<10	<10



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1/11/85

Samples received: 1/11/85

Field Notes & Observations:

Hydro Numbers:

86115

86116

86117

Client I.D.

Downstream

Sewer  
Outfall

Upstream

Weather Conditions:

11/29/84

Mostly Sunny  
Mid 30's, Rain  
on evening of  
11/27/84  
and morning of  
11/28/84

Mostly Sunny  
Mid 30's Rain  
on evening of  
11/27/84  
and morning of  
11/28/84

Mostly Sunny  
Mid 30's,  
Rain on  
evening of  
11/27/84 and  
morning of  
11/28/84

Grab Sample

Time:

8:30 AM-  
9:15 AM  
11/29/84

8:30 AM-  
9:15 AM  
11/29/84

8:30 AM-  
9:15 AM  
11/29/84

All samples were taken by Hydro Research personnel, Brian Trombley